**Index of Claims** 

Date

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10/750,610

GHOSH ET AL.

Reexamination

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Interference

**Appeal** Objected

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|--|------------|----------|----------|----------|----------|------------|--|----------|----------|----------|----------|-----|----------|----------|----------|----------|---|----------|--|------------|------------|--------------|--|
| 51         101         102         103   |            |          | $\vdash$ |          |          | T          | Ī  | Ī        | Τ        | Т        | Г        | 1   | <u> </u> |          |          |          | _ | T        | Ī  | Ť          | Г          | П            |  |
| 52         102           53         103           54         104           55         106           57         107           58         108           59         109           60         110           61         111           62         113           63         113           64         114           65         116           67         117           68         118           69         119           70         120           71         121           72         122           73         122           73         122           73         122           74         124           75         126           76         127           78         128           79         129           80         130           81         131           82         130           83         133           84         134           132         132           133         134  | Final      | Original |          |          |          |            |  |          |          |          |          |     | Final    | Original |          |          |   |          |  |            |            |              |  |
| 52         102           53         103           54         104           55         106           57         107           58         108           59         109           60         110           61         111           62         113           63         113           64         114           65         116           67         117           68         118           69         119           70         120           71         119           72         122           73         122           73         122           73         122           74         122           77         122           78         126           77         122           78         122           79         122           80         130           81         131           82         130           83         133           84         134           133         134   |            | 51       |          | _        | $\vdash$ | $\vdash$   | H  | -        | ╁        | H        | $\vdash$ | 1   |          | 101      | $\vdash$ |          |   | -        | ╁  | t          | ┢          | H            |  |
| 53       103         54       104         55       105         56       105         57       108         59       109         60       107         61       109         62       110         63       111         64       111         65       115         66       116         67       118         69       119         70       120         71       121         72       122         73       123         74       122         75       126         76       125         76       125         77       122         78       122         79       122         78       122         79       130         88       131         84       132         83       133         84       134         85       136         87       137         88       133         89       133 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>Т</td><td></td><td><math>\vdash</math></td><td>Т</td><td><math>\vdash</math></td><td><math>\vdash</math></td><td>1  </td><td></td><td>102</td><td>П</td><td></td><td></td><td></td><td>T</td><td>T</td><td>T</td><td>Τ</td><td></td></td<>   |            |          |          |          |          | Т          |  | $\vdash$ | Т        | $\vdash$ | $\vdash$ | 1   |          | 102      | П        |          |   |          | T  | T          | T          | Τ            |  |
| 54         104         105         105         105         105         106         107         108         109         108         109         108         109         108         109         108         109   |            |          |          |          | ┪        | $\vdash$   |  | _        | ┢        | 1        | T        | i i |          |          | H        |          |   | Г        | T  |            | 1          |              |  |
| 55         105         106         106         106         106         106         107         107         108         108         109   |            |          |          | _        | $\vdash$ | 1          | <del>                                     </del> | $\vdash$ | t        | t        | $\vdash$ | 1 1 |          | 104      | Н        |          |   | $\vdash$ | t  | 1          | $\vdash$   | $\vdash$     | $\vdash$   |
| 56         106         107         108         108         109   |            |          | T        |          |          | T          | T  | $\vdash$ | t        | T        | 1        | 1 1 |          |          | $\vdash$ |          |   | $\vdash$ | ╁┈   | 1          |            | $\vdash$     | <del>                                     </del> |
| 57         107         108         108         108         108         109   |            | 56       |          |          |          | T          | $\vdash$   |          | $\vdash$ |          | 1        | 1 1 |          | 106      | Н        |          |   |          | t  | H          | 1          |              | _  |
| 58         108           59         109           60         110           61         111           62         112           63         113           64         114           65         115           66         116           67         117           68         118           69         119           70         120           71         121           72         122           73         123           74         124           75         125           76         126           77         127           78         128           79         129           80         130           81         131           82         132           83         133           84         134           85         135           86         136           87         137           88         138           89         139           90         140           91         141  |            |          |          | _        |          | ┢          | 1  | $\vdash$ | ┢        | _        | _        | 1 1 |          |          | H        | $\neg$   | _ | $\vdash$ | H  | 1          | $\vdash$   | $\vdash$     | $\vdash$   |
| 109  |            |          |          |          |          | H          | ┢  |          | t        | $\vdash$ | ╁        | 1 1 |          |          | Н        | _        |   |          | t  | t          |            |              | $\vdash$   |
| 110  |            |          | $\vdash$ | _        | _        | ╁          | t  |          | Γ-       | ┢╌       | -        | 1   |          |          | H        |          | _ |          | <u> </u>   | 1          | _          | _            |  |
| 61         111         112         113         113         114         115         115         116         66         115         116         117         118         118         119         119         119         120         121         121         122         123         123         123         123         124         125         126         127         128         129         130         131         131         131         132         133         134         134         134         134         135         136         137         138         139         139         139         139         139         139         140         141         141         142         144  |            |          | _        |          | $\vdash$ | 1          | _  |          | T        | T        | ┢        | 1 1 |          |          | $\vdash$ | $\neg$   |   | 一        |  | ╁          |            |              |  |
| 112  |            |          |          |          |          | 1          |  |          | $\vdash$ | $\vdash$ | $\vdash$ | 1   |          |          | Н        | $\neg$   | _ |          | $\vdash$   | 1          |            | ┢            | Н  |
| 113  |            |          |          |          |          | T          |  |          |          |          | 1        | 1 1 |          | 112      | $\Box$   |          |   | Г        |  | 1          | Ι          | 1            | П  |
| 114  |            |          |          |          |          | Г          | 1  | Г        | _        | Г        | T        | 1   |          |          | П        |          | _ | Г        | $\top$   | T          | $\vdash$   | T            | М  |
| 115  |            |          |          |          | $\vdash$ | П          | ┌  | Г        | Г        | Г        | T        | 1   |          | 114      | $\Box$   | $\neg$   | _ | $\vdash$ | 1  | 1          | 1          | T            | П  |
| 66       116         67       117         68       119         69       119         70       120         71       121         72       122         73       123         74       124         75       126         76       127         78       128         79       129         80       130         81       131         82       132         133       134         85       135         86       136         87       137         88       139         90       140         91       141         92       142         93       144         95       145         96       146         97       148   |            |          |          |          | Г        | П          | Г  |          |          | T        | Г        | 1   |          |          | $\vdash$ | $\neg$   |   | <u> </u> | <del>                                     </del> | Т          | $\vdash$   | T            | П  |
| 67       117         68       118         69       119         70       120         121       121         72       122         73       123         74       124         75       126         77       127         78       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148   |            |          |          |          | $\vdash$ |            | T  |          | П        | П        | 1        | 1   |          |          | $\Box$   | _        | _ | _        | $\vdash$   | $\vdash$   | 1          | T -          | М  |
| 68       118         69       119         70       120         71       121         72       122         73       122         73       124         75       125         76       126         77       127         78       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       138         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148  |            |          |          |          | _        | П          |  | $\vdash$ | $\vdash$ | Π        | T        | 1   |          |          |          | $\neg$   |   | _        | $\vdash$   | Т          |            | <u> </u>     |  |
| 69       119         70       120         121       122         123       123         124       125         75       125         126       127         78       128         79       129         80       130         81       131         82       133         83       133         84       134         85       135         86       136         87       138         88       139         90       140         91       141         92       142         93       143         94       144         95       146         97       147         98       148  |            |          |          |          |          | Г          | Г  |          | 1        | Г        | 1        | 1 1 |          | 118      | T        |          |   |          | $\vdash$   | Г          | ╁          | Т            |  |
| 70       120         71       121         72       122         73       123         74       124         75       125         76       126         77       127         78       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148  |            |          |          |          |          | Г          |  |          |          | Г        |          | 1 1 |          |          |          | T        |   |          | T  |            |            | Ī            |  |
| 71       121       122         73       123       124         75       125       126         77       126       127         78       128       129         80       130       131         81       131       131         82       132       133         83       133       134         85       135       136         86       136       137         88       138       139         90       140       141         92       142       142         93       143       144         95       145       146         97       147       148   |            | 70       |          |          |          |            | T  |          |          |          |          | 1 1 |          | 120      |          |          |   |          |  | T          |            | T            | П  |
| 72       122         73       123         74       124         75       125         76       126         77       127         78       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       138         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148   |            |          |          |          |          |            | Г  | $\vdash$ | Τ        | Г        |          | 1   |          | 121      |          |          |   | Г        | Τ  | ऻ          | Τ          |              | П  |
| 73       123       124         75       125       126         77       127       127         78       128       129         80       130       131         81       131       132         83       133       134         85       135       136         86       136       137         88       139       139         90       140       141         91       141       142         93       144       144         95       146       147         98       148       148   |            |          |          |          |          | Г          |  |          | 1        | Г        | $\vdash$ | 1   |          |          |          |          |   |          |  | T          | 1          | l            | П  |
| 74       124       125         76       126       127         77       128       129         80       130       131         81       131       132         83       133       134         85       135       136         86       136       137         88       139       139         90       140       141         91       141       142         93       144       144         95       146       147         98       148       148  |            |          |          |          |          | Г          |  |          |          |          |          | 1 1 |          | 123      |          |          |   |          |  |            | ऻ          |              | П  |
| 75       125         76       126         77       127         78       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       139         90       140         91       141         92       142         93       144         95       145         96       146         97       147         98       148  |            |          |          |          |          | Г          | $\Box$   |          |          | $\Box$   | Г        | 1   |          | 124      |          |          | _ | _        |  | Т          | T          |              | П  |
| 76       126         77       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       139         90       140         91       141         92       142         93       144         95       145         96       146         97       147         98       148  |            |          |          |          |          |            |  |          |          |          | Г        | 1   |          |          |          |          |   |          |  |            | T          | Г            |  |
| 77       127         78       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       144         95       145         96       146         97       147         98       148   |            | 76       |          |          |          |            |  | _        | Г        | Г        | Г        | 1 1 |          | 126      |          |          |   |          |  | $\vdash$   | Г          | Г            |  |
| 78       128         79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       144         95       145         96       146         97       147         98       148  |            | 77       |          |          |          |            |  | Г        |          |          |          | 1   |          |          |          |          |   |          |  | $\vdash$   |            |              |  |
| 79       129         80       130         81       131         82       132         83       133         84       134         85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       144         95       145         96       146         97       147         98       148   |            |          |          |          |          |            | Г  |          | $\Box$   | Г        | Г        | 1   |          |          |          |          |   |          |  | Г          |            |              |  |
| 80     130       81     131       82     132       83     133       84     134       85     135       86     136       87     137       88     138       89     139       90     140       91     141       92     142       93     143       94     144       95     145       96     146       97     147       98     148   |            | 79       |          |          |          |            |  |          |          |          |          | 1   |          | 129      |          | İ        |   |          |  |            | Г          |              | П  |
| 81     131       82     132       83     133       84     134       85     135       86     136       87     137       88     138       89     139       90     140       91     141       92     142       93     143       94     144       95     145       96     146       97     147       98     148  |            |          |          |          |          |            |  |          |          |          |          | 1 [ |          | 130      |          |          |   |          | Г  | Π          | Г          |              |  |
| 82       132         83       133         84       134         85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148   |            |          |          |          |          |            |  |          | П        |          |          | 1 1 |          | 131      |          |          |   |          | П  |            |            |              |  |
| 84       134         85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       148  |            |          |          |          |          |            |  |          |          |          |          | 1   |          | 132      |          |          |   |          |  |            | Г          | Г            |  |
| 84       134         85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148   |            |          |          |          |          |            |  |          |          |          |          | ] [ |          | 133      |          |          |   |          |  |            | $\Box$     |              |  |
| 85       135         86       136         87       137         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148  |            |          |          |          |          |            |  |          |          |          |          | ] [ |          | 134      |          |          | _ |          | L  | L          |            |              |  |
| 87       137         88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148  |            |          |          |          |          | L          |  |          |          |          |          | ] [ |          |          |          |          |   |          |  |            |            |              |  |
| 88       138         89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148   |            |          |          |          |          |            |  |          |          |          |          |     |          | 136      |          |          |   |          |  |            |            |              |  |
| 89       139         90       140         91       141         92       142         93       143         94       144         95       145         96       146         97       147         98       148  |            |          |          |          |          | $\Box$     |  |          |          | $\Box$   |          | [   | [        | 137      |          |          |   |          |  |            |            |              |  |
| 90   |            |          |          |          |          |            |  |          |          |          |          | ] [ |          |          |          |          |   |          |  |            |            |              |  |
| 91   |            | 89       |          |          |          | <u> </u>   | _  |          | <u></u>  |          |          | ] [ | ]        | 139      |          | [        |   |          |  | L          |            |              |  |
| 92   |            | 90       |          |          |          |            |  |          | _        |          | <u> </u> | [   | ]        |          | $\Box$   |          |   |          |  |            | Ш          |              |  |
| 93   |            |          | Ш        | _        |          |            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |          |          |          | _        |     |          | 141      |          |          |   |          |  | _          | Ĺ          |              |  |
| 94   144   145   146   97   147   98   148 | lacksquare |          | $\sqcup$ | _        |          | <u> </u>   | Щ  |          | L_       |          | L_       | L   |          | 142      | _        | $\perp$  |   |          |  | _          | Щ          | $oxed{oxed}$ |  |
| 95 145 146 97 147 98 148 148   |            |          | Ш        |          |          | _          | $oxed{oxed}$                                     |          | _        |          | <u> </u> |     |          |          | $\perp$  | _        |   |          | <u> </u>   | L_         |            | $\sqcup$     |  |
| 96 146 147 147 98 148 148 148 148 148 148 148 148 148 14   |            |          |          | _        |          |            |  |          | Ш        |          | <u> </u> |     |          |          | Ц        | $\dashv$ |   | _        | <u> </u>   | _          | Ш          |              |  |
| 97 147 148 148 148 148 148 148 148 148 148 148   |            |          |          | _        | _        |            | $oxed{oxed}$                                     |          |          | Щ        | <u> </u> |     |          | 145      |          | _        |   |          |  | _          | <u> </u>   | Ш            | Ш  |
| 98 148   |            |          | _        |          | _        | Щ          | Щ  |          |          | Щ        | <u> </u> | ╽┆  |          |          | _        | _        |   |          | _  | <u>_</u>   | lacksquare | Ш            | Ш  |
|  |            |          | $\dashv$ | _        |          | <u> </u>   |  |          |          |          | _        |     |          | 147      | _        | _        |   | _        | L  | <u> </u>   |            | Ш            |  |
|  |            |          |          |          | _        | -          | _  |          | Щ        | -        |          |     |          | 148      | 4        | _        | 4 | _        | <u> </u>   | <b> </b> _ |            | Ш            |  |
|  |            |          |          | $\dashv$ | $\dashv$ | _          |  |          | Ш        | Ш        | <u> </u> |     |          |          | 4        | 4        | _ |          | <u> </u>   | <u> </u>   | Ш          | Ш            |  |
| 100  | i          | 100      |          |          |          |            |  |          | لــا     | Ш        | _        | ı L |          | 150      |          |          |   |          | L_   | L          | Ш          | Ш            | لــــا   |